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**PATENT APPLICATION DECLARATION
COMBINED WITH POWER OF ATTORNEY**

Attorney's Docket No. A-6587

☒ Regular (Utility)

☐ Design Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

REDUCED SCREEN CONTROL SYSTEM FOR INTERACTIVE PROGRAM GUIDE

the specification of which:

☐ is attached hereto

☒ was filed on:

JUNE 9, 2000

as U.S. Serial No.:

09/590,925

and was amended on

(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119, of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign/PCT Application(s):

☒ no such application(s) filed.

☐ such application(s) identified as follows:

Country	Application Number	Date of Filing (day, month, year)	Priority Claimed Under 37 USC 119
			<input type="checkbox"/> Yes <input type="checkbox"/> No

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional applications(s) listed below:

Prior Provisional Application(s):

☐ no such application(s) filed.

☒ Such application(s) identified as follows:

Application Number	Date of Filing (day, month, year)
60/138,757	11 JUNE 1999

I hereby claim the priority benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which is material to the examination of this application and which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. Application(s):

☒ no such application(s) filed.

☐ such application(s) as follows:

Application No.	Filing Date (day, month, year)	Status (Patented, Pending, Abandoned)

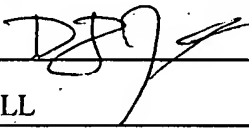
I hereby declare that: as to any claimed subject matter of this application which is common to my earlier United States or foreign application(s), if any, which I have identified above and claimed the benefit of priority thereof, I do not believe that the same was ever known or used in the United States before my invention thereof or patented or described in any printed publication in any country before my invention thereof or more than one year prior to the first of said earlier application(s), or in public use or on sale in the United States more than one year prior to the first of said earlier application(s), and that the said common subject matter has not been patented or made the subject of an inventor's certificate before the date of the first of said earlier U.S. application(s) in any country foreign to the United States on an application, filed by me or my legal representatives or assigns more than twelve months (six months if the present application is a Design patent application) prior to the first of said earlier U.S. application(s), if any; and that, as to any claimed subject matter of this application which is not common to said earlier application(s), if any, I do not know and do not believe that the same was ever known or used in the United States before my invention thereof or patented or described in any printed publication in any country before my invention thereof or more than one year prior to the date of this application, or in public use or on sale in the United States more than one year prior to the date of this application, and that said subject matter has not been patented or made the subject of an inventor's certificate in any country foreign to the United States on an application filed by me or my legal representatives or assigns more than twelve months (six months if the present application is a Design patent application) prior to the date of this application.


I HEREBY APPOINT THE FOLLOWING AS MY ATTORNEY(S) OR AGENT(S) WITH FULL POWER OF SUBSTITUTION TO PROSECUTE THIS APPLICATION AND TRANSACT ALL BUSINESS IN THE PATENT AND TRADEMARK OFFICE CONNECTED THEREWITH:		
NAME(S)	REG. NO.(S)	ASSOCIATE POWER OF ATTORNEY ATTACHED
Kenneth M. Massaroni	33,015	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Hubert J. Barnhardt III	36,739	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Kelly A. Gardner	35,147	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
John Eric West	46,279	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Send correspondence to:

Scientific-Atlanta, Inc.
Intellectual Property Department
One Technology Parkway, South
Norcross, GA 30092-2967
Direct Telephone Calls to: (770) 236-4872

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first or sole inventor	DEAN F. JERDING	
Inventor's signature		Date 7/15/00
Residence	ROSWELL	GEORGIA
	City	State or Foreign Country
Citizenship	UNITED STATES	
	Country	
Post Office Address	315 SEVENTEENTH FREEWAY FAIRWAY	
	Street Address	
	ROSWELL	GA 30076
	City	State or Country Zip Code

Full name of second named joint inventor	ROBERT O. BANKER	
Inventor's signature		Date 19 July 2000
Residence	CUMMING	GEORGIA
	City	State or Foreign Country
Citizenship	UNITED STATES	
	Country	
Post Office Address	1581 CHAMBLEE GAP ROAD	
	Street Address	
	CUMMING	GA 30040
	City	State or Country Zip Code

Full name of third named joint inventor	ARTURO A. RODRIGUEZ		
Inventor's signature	<u>Arturo A. Rodriguez</u>	Date	<u>20 July 2000</u>
Residence	<u>NORCROSS</u>	<u>GEORGIA</u>	
	City	State or Foreign Country	
Citizenship	<u>UNITED STATES</u>		
	Country		
Post Office Address	<u>5315 ABIGAIL LANE</u>		
	Street Address		
	<u>NORCROSS</u>	<u>GA</u>	<u>30092</u>
	City	State or Country	Zip Code

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A-6587
UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

JANUARY 11, 2001

PTAS

SCIENTIFIC-ATLANTA, INC.
JOHN ERIC WEST
INTELLECTUAL PROPERTY DEPT.
ONE TECHNOLOGY PARKWAY, SOUTH
NORCROSS, GA 30092



101514534A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY., SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 09/05/2000

REEL/FRAME: 011224/0646
NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

JERDING, DEAN F.

DOC DATE: 07/18/2000

ASSIGNOR:

BANKER, ROBERT O.

DOC DATE: 07/19/2000

ASSIGNOR:

RODRIGUEZ, ARTURO A.

DOC DATE: 07/20/2000

ASSIGNEE:

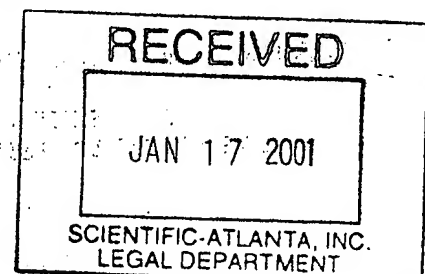
SCIENTIFIC-ATLANTA, INC.
ONE TECHNOLOGY PARKWAY, SOUTH
NORCROSS, GEORGIA 30092

SERIAL NUMBER: 09590925

FILING DATE: 06/06/2000

PATENT NUMBER:

ISSUE DATE:



011224/0646 PAGE 2

MARCUS KIRK, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

FORM PTO -1619A
Expires 06/30/99
OMB 0651-0027



11-14-2000



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Submission Type

- ☒ New
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Reel # Frame #

Conveyance Type

- ☒ Assignment ☐ Security Agreement
☐ License ☐ Change of Name
☐ Merger ☐ Other
U.S. Government
(For use ONLY by U.S. Government Agencies)
☐ Departmental File ☐ Secret File

Conveying Party(ies)

☒ Mark if additional names of conveying parties attached

Name (line 1) JERDING, DEAN F.

Name (line 2)

Second Party

Name (line 1) BANKER, ROBERT O.

Name (line 2)

Execution Date
Month Day Year

07 18 00

Execution Date
Month Day Year

07 19 00

Receiving Party(ies)

☐ Mark if additional names of receiving parties attached

Name (line 1) Scientific-Atlanta, Inc.

Name (line 2) a Corporation in Georgia

Address (line 1) One Technology Parkway, South

Address (line 2)

☐ If document to be recorded
is an assignment and the
receiving party is not
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of a domestic
representative is attached.
(Designation must be a
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Assignment.)

Address (line 3) Norcross
City

GA
State/Country

30092
Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party Only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

11. Address (line 4) 00000005 190761 09590925

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Mail documents to be recorded with required cover sheet(s) information to:
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

Correspondent Name and Address

Area Code and Telephone Number (770)236-4872

Name JOHN ERIC WEST

Address (line 1) Scientific-Atlanta, Inc.

Address (line 2) Intellectual Property Dept.

Address (line 3) One Technology Parkway, South

Address (line 4) Norcross, GA 30092

Pages Enter the total number of pages of the attached conveyance document including any attachments. #3

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for same property).

Patent Application Number(s)

09/590,925

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT

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PCT

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Number of Properties

Enter the total number of Properties Involved. #1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$40.00

Method of Payment:

Enclosed ☐

Deposit Account ☒

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: #19-0761

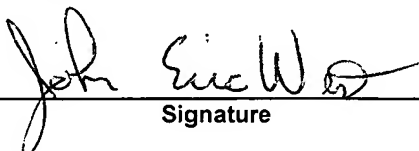
Authorization to charge additional fees: Yes ☒ No ☐

Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein

JOHN ERIC WEST

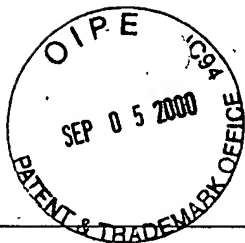
Name of Person Signing



Signature

25 JULY 2000

Date



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Expires 06/30/99
OMB 0651-0027

RECORDATION FORM COVER SHEET

CONTINUATION
PATENTS ONLYU.S. Department of Commerce
Patent and Trademark Office
PATENT**Conveying Party(ies)**☐

Mark if additional names of conveying parties attached

Execution Date
Month Day Year
07 20 00

Name (line 1) RODRIGUEZ, ARTURO A.

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Receiving Party☐

Mark if additional names of receiving parties attached

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

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Name (line 1)

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Address (line 1)

Address (line 2)

Address (line 3)

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representative is attached.
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(Designation must be a
separate document from
Assignment.)**Application Number(s) or Patent Number(s)**☐

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for same property).

Patent Application Number(s)

Patent Number(s)

ASSIGNMENT AND AGREEMENT

For and in consideration of the sum of One Dollar to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, **DEAN F. JERDING, ROBERT O. BANKER, AND ARTURO A. RODRIGUEZ**, have sold, assigned and transferred, and do hereby sell, assign and transfer, unto **Scientific-Atlanta, Inc.**, a corporation of the State of Georgia, having its principal office in Norcross, State of Georgia, United States of America, and its successors, assigns, and legal representatives, the entire right, title and interest for the United States of America in and to certain inventions relating to improvements in **REDUCED SCREEN CONTROL SYSTEM FOR INTERACTIVE PROGRAM GUIDE (Case No. A-6587)** described, illustrated and claimed in an application for Letters Patent of the United States of America executed by us on the dates indicated by our signatures below, together with the entire right, title and interest in and to said application, and in and to Letters Patent which may be issued upon said application, and upon any division, extension, continuation or reissue thereof.

We hereby also sell, assign and transfer unto the said **Scientific-Atlanta, Inc.**, the entire right, title and interest in and to said invention and in and to applications for Letters Patent therefor in all countries foreign to the United States of America, including all rights under any and all international conventions and treaties in respect of said invention and said applications for Letters Patent in foreign countries, and we further authorize the said **Scientific-Atlanta, Inc.**, to apply for Letters Patent in foreign countries directly in its own name, and to claim priority of the filing date of the said application for Letters Patent of the United States of America under the provisions of any and all international conventions and treaties.


We hereby authorize and request the Commissioner of Patents of the United States of America to issue Letters Patent upon the aforesaid application, division, extension, continuation or reissue, to the said **Scientific-Atlanta, Inc.**, for the sole use and behalf of said **Scientific-Atlanta, Inc.**, its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted, the same as they would have been held and enjoyed by me had this assignment not been made, and we hereby authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to the said **Scientific-Atlanta, Inc.**

We agree that, when requested, we will, without charge to said **Scientific-Atlanta, Inc.**, but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said **Scientific-Atlanta, Inc.**, its successors, assigns and legal representatives or nominees.

We covenant with said Scientific-Atlanta, Inc., its successors, assigns and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.

Dean F. Jerding
DEAN F. JERDING
STATE OF GEORGIA
COUNTY OF COBB

7/18/00
DATE




I, JOHN ERIC WEST, a Notary Public in and for the County and State aforesaid, do hereby certify that the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed and delivered said instrument as his free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 18TH day of JULY, 2000.

John E. West
Notary Public Signature

Robert O. Barker
ROBERT O. BARKER
STATE OF GEORGIA
COUNTY OF COBB

19 July 2000
DATE



I, JOHN ERIC WEST, a Notary Public in and for the County and State aforesaid, do hereby certify that the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed and delivered said instrument as his free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 19TH day of JULY, 2000.

John E. West
Notary Public Signature

Arturo A. Rodriguez
ARTURO A. RODRIGUEZ



20 July 2000
DATE

STATE OF GEORGIA
COUNTY OF COBB

I, JOHN ERIC WEST, a Notary Public in and for the County and State aforesaid, do hereby certify that the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed and delivered said instrument as his free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 20TH day of JULY, 2000.

John Eric West
Notary Public Signature